

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	42230	digital\$3 with (laser laser adj diode, LED)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/06 09:21
L2	1679	(101/465,450.1,478,487).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 09:22
L3	88	1 and L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/06 09:22
L4	10	((("6295928") or ("2002170452") or ("6006666") or ("5816161") or ("6016750") or ("6125756"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/06 09:22
L5	0	1 and L4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/06 09:23
L6	718	structur\$3 with 1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/06 09:23
L7	1	6 and 2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/06 09:23
S1	10	((("6295928") or ("2002170452") or ("6006666") or ("5816161") or ("6016750") or ("6125756"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 10:14

## EAST Search History

S2	2	("5067404").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 10:19
S3	3	"9832608"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 10:21
S4	28	surfactant with thickness with (usually normally)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 13:31
S5	20427	nitrocellulose and (crosslink\$3 cross-link\$3 cross adj link\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 13:32
S6	390	nitrocellulose near2 (crosslink\$3 cross-link\$3 cross adj link\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 13:32
S7	399995	(permea\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 13:32
S8	0	S6 with S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 13:32
S9	0	S6 same S7	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/02 13:33
S10	1	("6295928").URPN.	USPAT	OR	ON	2006/03/02 16:01

## EAST Search History

S11	9	("3741118"   "4003312"   "5067404"   "5072671"   "5375518"   "5409530"   "5440987"   "5694848"   "6125755").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 16:04
S12	23	("3128198"   "3162104"   "3190200"   "3446184"   "3745235"   "3793025"   "4311723"   "4514744"   "4718340"   "4930417").PN. OR ("5067404").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/02 16:08
S13	17	("3741118").URPN.	USPAT	OR	ON	2006/03/02 16:40
S17	1679	(101/465,450.1,478,487).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/02 16:41
S18	247699	wetting-aiding surfactant surface adj active wetting wetting adj aid	USPAT	OR	ON	2006/03/02 16:43
S19	248056	wetting-aiding surfactant surface adj active wetting wetting adj aid surface adj agent	USPAT	OR	ON	2006/03/02 16:44
S20	288	S17 and S19	USPAT	OR	ON	2006/03/02 16:52
S21	12	(S10 S11 S12 S13) and S19	USPAT	OR	ON	2006/03/02 16:44
S22	283	S20 not S21	USPAT	OR	ON	2006/03/02 16:59
S23	0	S22 and vaporis	USPAT	OR	ON	2006/03/02 16:59
S24	14	S22 and vaporis\$5	USPAT	OR	ON	2006/03/03 10:26
S25	28046	(print\$3) near (element carrier medium)	USPAT	OR	ON	2006/03/03 10:58
S26	97277	roughness Ra "R.sub.a"	USPAT	OR	ON	2006/03/03 10:29
S27	68	S25 with S26	USPAT	OR	ON	2006/03/03 10:29
S28	14	("3470739"   "4139765"   "4811594"   "4888983"   "4897670"   "5162660"   "5614662"   "5684707"   "5689757"   "5934140"   "5948972"   "6067162").PN. OR ("6477892").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 10:30
S29	4411	average with surface adj roughness	USPAT	OR	ON	2006/03/03 10:45
S30	4	S29 same S25	USPAT	OR	ON	2006/03/03 10:45
S31	7	("3861917"   "3881045"   "4238560"   "4446220"   "5347927"   "5486402"   "5974974").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 10:47
S32	3	S31 and (S26 S29)	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 10:56

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S33	3554	average near surface near roughness	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 10:57
S34	1	S25 with S33	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 10:57
S35	4460	average near2 surface near2 roughness	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 11:03
S36	45360	(print\$3) near (element carrier medium plate)	USPAT	OR	ON	2006/03/03 10:59
S37	4	S35 near S36	USPAT	OR	ON	2006/03/03 10:59
S38	4	S35 near S36	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/03/03 10:59
S39	141516	(print\$3) near (element carrier medium plate)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 11:03
S40	316413	S35 ner S39	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 11:03
S41	6	S35 near S39	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 12:50
S42	94117	(wet\$4 spread\$3) adj agent	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 12:56
S43	0	thickness near3 (less smaller) adj than	US-PGPUB; USPAT; USOCR	OR	ON	2006/03/03 12:52
S44	0	thickness with (less smaller) adj than	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/03 12:53
S45	0	thickness with ("less than" or "smaller than")	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/03 12:53
S46	311963	thickness with (less smaller)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/03 12:53

## EAST Search History

S47	30	S42 with S46	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	ON	2006/03/03 12:54
S48	421025	(wet\$4 spread\$3) adj (agent aid\$3) wetting-aiding wetting adj aiding surfactant	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 12:57
S49	4936	S48 near2 layer	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 12:57
S50	10425803	(width thickness thick height high depth deep)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 12:58
S51	677	S49 with S50	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 12:59
S52	1679	(101/465,450.1,478,487).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/03/03 12:59
S53	6	S51 and S52	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 13:02
S54	13	S51 and "101"/\$.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 13:02
S55	7	S54 not S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 13:11
S56	19	"surfactant layer thickness"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 13:16

## EAST Search History

S57	2	"wetting agent layer thickness"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 13:21
S58	1	adsorbed near surfactant near layer near thickness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 13:22
S59	37	surfactant near layer near thickness	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/03 13:49
S60	721	surfactant near reduce near "surface tension"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2006/03/06 09:20